

Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1999

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State	Total	Research and development	R&D plant ¹	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
United States, total:							
Obligations (thousands)	\$18,057,927	\$15,569,904	\$172,652	\$46,992	\$843,736	\$314,652	\$1,109,991
Number of institutions	1,123	817	163	236	572	290	640
Alabama:							
Obligations (thousands)	\$297,999	\$254,544	\$5,157	\$455	\$12,607	\$3,693	\$21,543
Number of institutions	25	13	3	10	12	8	17
Alaska:							
Obligations (thousands)	\$54,316	\$43,031	\$0	\$12	\$2,108	\$4,153	\$5,012
Number of institutions	5	5	0	1	3	2	3
Arizona:							
Obligations (thousands)	\$233,332	\$201,404	\$664	\$955	\$11,000	\$788	\$18,521
Number of institutions	11	6	2	4	4	3	10
Arkansas:							
Obligations (thousands)	\$72,055	\$54,085	\$478	\$25	\$3,891	\$828	\$12,748
Number of institutions	13	8	2	1	5	4	7
California:							
Obligations (thousands)	\$2,500,871	\$2,247,783	\$26,218	\$2,527	\$121,467	\$31,678	\$71,198
Number of institutions	90	67	15	24	47	26	55
Colorado:							
Obligations (thousands)	\$504,673	\$413,899	\$19,020	\$396	\$22,958	\$25,200	\$23,200
Number of institutions	15	11	5	5	10	4	10
Connecticut:							
Obligations (thousands)	\$334,784	\$303,805	\$1,909	\$382	\$19,327	\$836	\$8,525
Number of institutions	13	10	1	2	9	1	4
Delaware:							
Obligations (thousands)	\$50,166	\$40,511	\$929	\$200	\$1,332	\$914	\$6,280
Number of institutions	4	2	2	1	3	2	3
District of Columbia:							
Obligations (thousands)	\$184,265	\$163,324	\$935	\$0	\$10,471	\$2,454	\$7,081
Number of institutions	8	8	2	0	7	4	6
Florida:							
Obligations (thousands)	\$394,086	\$332,846	\$2,079	\$491	\$19,810	\$12,499	\$26,361
Number of institutions	26	19	4	4	17	8	15
Georgia:							
Obligations (thousands)	\$386,797	\$310,361	\$1,427	\$584	\$15,542	\$7,974	\$50,909
Number of institutions	30	26	2	6	14	8	19
Hawaii:							
Obligations (thousands)	\$95,456	\$78,534	\$625	\$100	\$2,621	\$5,317	\$8,259
Number of institutions	7	4	1	1	1	4	3
Idaho:							
Obligations (thousands)	\$30,008	\$20,658	\$57	\$1,600	\$1,416	\$96	\$6,181
Number of institutions	4	3	1	1	2	1	3
Illinois:							
Obligations (thousands)	\$676,939	\$587,218	\$16,880	\$1,061	\$31,635	\$7,068	\$33,077
Number of institutions	39	26	3	11	18	8	22
Indiana:							
Obligations (thousands)	\$245,967	\$208,598	\$4,163	\$508	\$9,221	\$1,688	\$21,789
Number of institutions	14	10	4	5	9	2	5
Iowa:							
Obligations (thousands)	\$214,975	\$181,286	\$688	\$445	\$9,354	\$1,823	\$21,379
Number of institutions	17	11	2	6	6	2	7
Kansas:							
Obligations (thousands)	\$109,403	\$85,444	\$1,906	\$467	\$7,549	\$249	\$13,788
Number of institutions	8	7	2	5	7	1	4

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1999

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State	Total	Research and development	R&D plant ¹	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Kentucky:							
Obligations (thousands)	\$117,801	\$91,678	\$131	\$189	\$7,675	\$119	\$18,009
Number of institutions	14	12	1	4	7	1	8
Louisiana:							
Obligations (thousands)	\$193,566	\$149,680	\$1,415	\$139	\$6,387	\$18,433	\$17,512
Number of institutions	18	14	3	4	8	5	12
Maine:							
Obligations (thousands)	\$26,306	\$18,411	\$515	\$320	\$1,207	\$0	\$5,853
Number of institutions	9	7	1	3	4	0	4
Maryland:							
Obligations (thousands)	\$1,120,503	\$1,004,165	\$855	\$868	\$35,509	\$18,568	\$60,538
Number of institutions	29	21	4	3	12	8	17
Massachusetts:							
Obligations (thousands)	\$1,047,036	\$937,608	\$17,440	\$712	\$57,504	\$7,852	\$25,920
Number of institutions	45	36	11	5	21	9	26
Michigan:							
Obligations (thousands)	\$562,483	\$488,770	\$3,823	\$873	\$26,120	\$6,101	\$36,796
Number of institutions	24	19	5	7	11	4	17
Minnesota:							
Obligations (thousands)	\$267,724	\$231,338	\$123	\$2,213	\$13,039	\$4,083	\$16,928
Number of institutions	22	14	2	5	7	2	12
Mississippi:							
Obligations (thousands)	\$136,787	\$102,662	\$1,231	\$220	\$4,557	\$3,482	\$24,635
Number of institutions	17	12	2	3	9	6	10
Missouri:							
Obligations (thousands)	\$399,909	\$354,892	\$1,590	\$658	\$18,939	\$1,084	\$22,746
Number of institutions	23	15	3	8	12	3	12
Montana:							
Obligations (thousands)	\$62,880	\$48,443	\$507	\$52	\$4,593	\$1,464	\$7,821
Number of institutions	14	9	3	2	11	8	6
Nebraska:							
Obligations (thousands)	\$79,037	\$58,787	\$0	\$106	\$3,692	\$589	\$15,863
Number of institutions	11	7	0	1	8	2	5
Nevada:							
Obligations (thousands)	\$47,780	\$40,708	\$553	\$0	\$812	\$2,817	\$2,890
Number of institutions	5	4	3	0	3	1	4
New Hampshire:							
Obligations (thousands)	\$104,233	\$92,162	\$496	\$164	\$4,251	\$2,570	\$4,590
Number of institutions	8	7	2	1	4	2	4
New Jersey:							
Obligations (thousands)	\$272,009	\$236,553	\$2,583	\$539	\$10,545	\$1,257	\$20,532
Number of institutions	25	15	4	6	9	4	18
New Mexico:							
Obligations (thousands)	\$139,445	\$91,410	\$333	\$14,159	\$5,767	\$2,332	\$25,444
Number of institutions	10	6	2	3	7	3	6
New York:							
Obligations (thousands)	\$1,450,921	\$1,269,773	\$22,934	\$1,112	\$64,002	\$45,229	\$47,871
Number of institutions	98	86	11	13	57	25	41
North Carolina:							
Obligations (thousands)	\$662,013	\$573,092	\$1,280	\$924	\$38,964	\$12,739	\$35,014
Number of institutions	31	22	5	5	17	15	21
North Dakota:							
Obligations (thousands)	\$43,901	\$29,335	\$736	\$0	\$2,238	\$304	\$11,288
Number of institutions	12	6	2	0	9	4	5

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Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1999

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State	Total	Research and development	R&D plant ¹	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Ohio:							
Obligations (thousands)	\$492,676	\$436,880	\$3,337	\$250	\$22,540	\$3,884	\$25,785
Number of institutions	39	29	6	5	17	7	21
Oklahoma:							
Obligations (thousands)	\$99,634	\$67,914	\$890	\$25	\$3,971	\$6,633	\$20,201
Number of institutions	13	7	2	1	6	5	9
Oregon:							
Obligations (thousands)	\$227,420	\$194,776	\$2,201	\$128	\$14,028	\$5,906	\$10,381
Number of institutions	18	14	4	3	7	5	9
Pennsylvania:							
Obligations (thousands)	\$1,098,534	\$990,736	\$7,527	\$1,081	\$46,123	\$6,737	\$46,330
Number of institutions	62	46	7	13	24	9	29
Rhode Island:							
Obligations (thousands)	\$80,778	\$69,106	\$1,774	\$0	\$3,607	\$1,050	\$5,241
Number of institutions	5	4	2	0	3	1	3
South Carolina:							
Obligations (thousands)	\$140,886	\$112,155	\$2,078	\$3,906	\$5,176	\$3,891	\$13,680
Number of institutions	25	10	4	8	7	7	21
South Dakota:							
Obligations (thousands)	\$19,955	\$10,095	\$62	\$66	\$1,518	\$147	\$8,067
Number of institutions	12	6	1	1	8	2	8
Tennessee:							
Obligations (thousands)	\$258,662	\$207,549	\$297	\$560	\$19,879	\$4,490	\$25,887
Number of institutions	22	18	3	6	11	7	12
Texas:							
Obligations (thousands)	\$972,851	\$834,557	\$3,892	\$5,573	\$36,929	\$11,778	\$80,122
Number of institutions	69	52	5	14	40	24	36
Utah:							
Obligations (thousands)	\$182,410	\$165,430	\$877	\$249	\$7,834	\$1,828	\$6,192
Number of institutions	8	5	1	3	3	2	7
Vermont:							
Obligations (thousands)	\$54,024	\$45,781	\$260	\$44	\$3,149	\$521	\$4,269
Number of institutions	4	2	1	1	3	1	3
Virginia:							
Obligations (thousands)	\$311,110	\$260,894	\$2,550	\$878	\$17,640	\$2,937	\$26,211
Number of institutions	26	17	4	9	15	7	15
Washington:							
Obligations (thousands)	\$498,367	\$432,507	\$3,383	\$249	\$28,268	\$14,251	\$19,709
Number of institutions	18	14	1	6	8	4	9
West Virginia:							
Obligations (thousands)	\$46,444	\$25,080	\$73	\$100	\$2,091	\$1,054	\$18,046
Number of institutions	8	5	1	1	4	1	6
Wisconsin:							
Obligations (thousands)	\$354,820	\$310,333	\$2,166	\$285	\$16,808	\$3,615	\$21,613
Number of institutions	27	20	2	3	12	4	17
Wyoming:							
Obligations (thousands)	\$15,789	\$12,606	\$0	\$0	\$603	\$4	\$2,576
Number of institutions	1	1	0	0	1	1	1
American Samoa:							
Obligations (thousands)	\$1,734	\$702	\$0	\$0	\$0	\$0	\$1,032
Number of institutions	1	1	0	0	0	0	1
Guam:							
Obligations (thousands)	\$3,081	\$1,363	\$0	\$0	\$196	\$436	\$1,086
Number of institutions	1	1	0	0	1	1	1

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Puerto Rico:							
Obligations (thousands)	\$72,419	\$41,958	\$1,567	\$142	\$5,053	\$9,209	\$14,490
Number of institutions	17	14	3	2	10	12	8
Trust Territory of the Pacific Islands:							
Obligations (thousands)	\$4,006	\$1,443	\$0	\$0	\$198	\$0	\$2,365
Number of institutions	2	2	0	0	1	0	2
Virgin Islands:							
Obligations (thousands)	\$1,901	\$1,241	\$38	\$0	\$15	\$0	\$607
Number of institutions	1	1	1	0	1	0	1

¹ See Technical Notes, "Categories of Support."

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999